

Exercise 4: analyze a “free dataset”.

The work, excluding the appendix, may not exceed 20 pages and should have a structure similar to the following:

- Title and abstract.
- A brief introduction and description of the dataset.
- Problem statement, objectives and hypotheses. Priori information available.
- Statistical analysis using at least one of the resampling techniques studied in the course. Brief description of the techniques used to analyze the data.
- Results of the analysis of the data, including the relevant statistics and graphics.
- Findings, interpretations and consequences. Analyze the impact they may have the results. Conclusions and discussion.
- References/Bibliography.
- Appendix with the R scripts used for the analysis.

Plagiarism. We consider plagiarism to be a serious misconduct and penalize it when we detect it. Take care to say things with your own words, and if you use other texts, properly quote and cite the original work from which it is borrowed.

The maximum score for this exercise is 30

The final mark will be calculated as $(Ex1+Ex2+Ex3+Ex4)/6$

Deadline: February 13th, at 23:59h. This is an individual assignment.